

Figure 1: Hybrid encoder
1a

002260-11389960

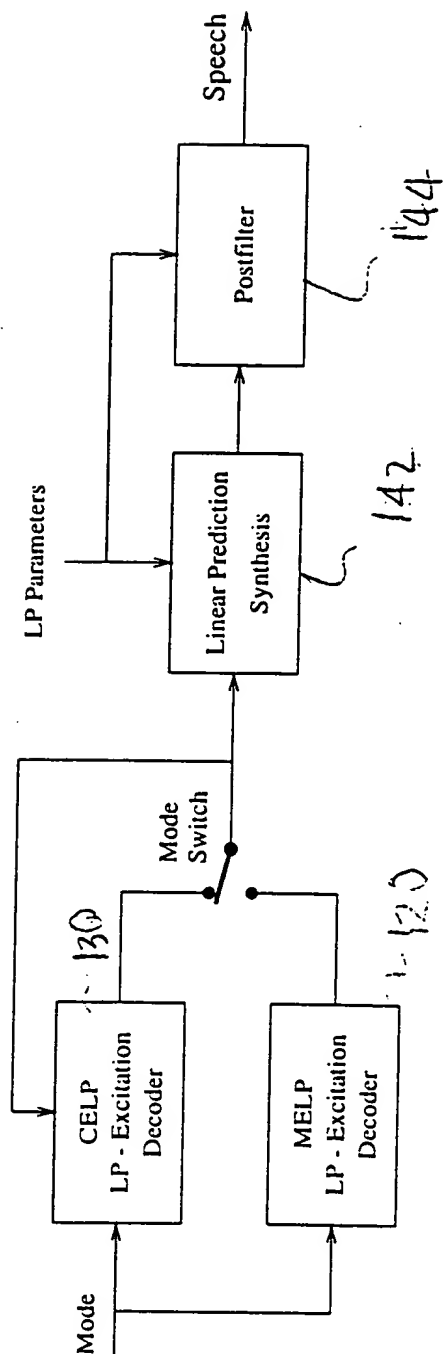


Figure 2: Hybrid decoder

002250-11889360

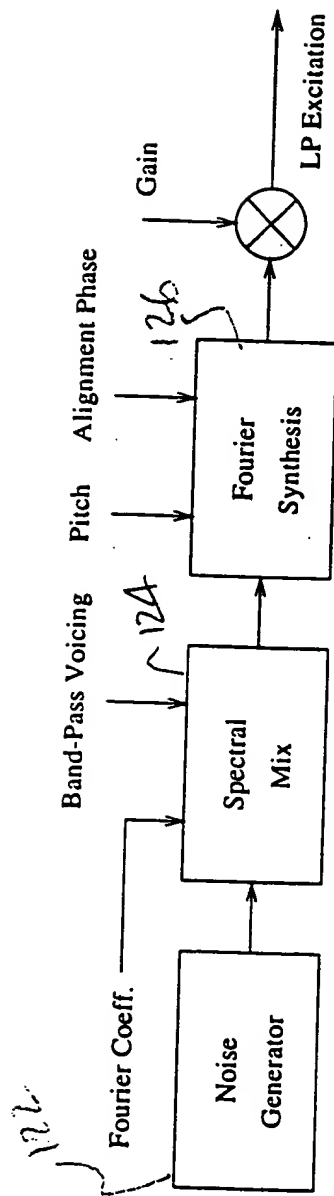


Figure 4: MELP LP-excitation decoder

1c

002260" 44889960

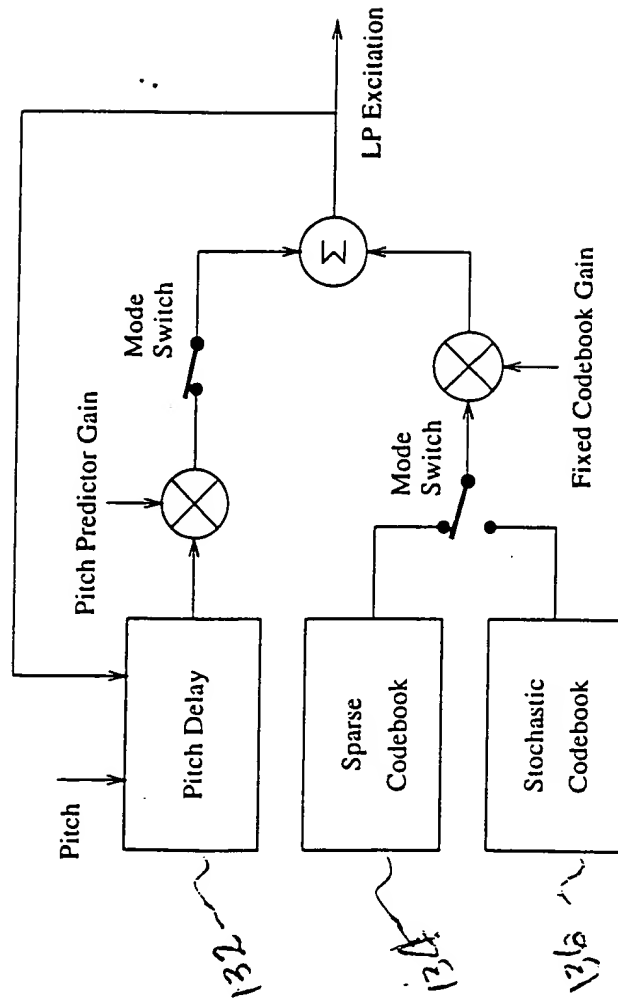


Figure 3: CELP LP-excitation decoder

16

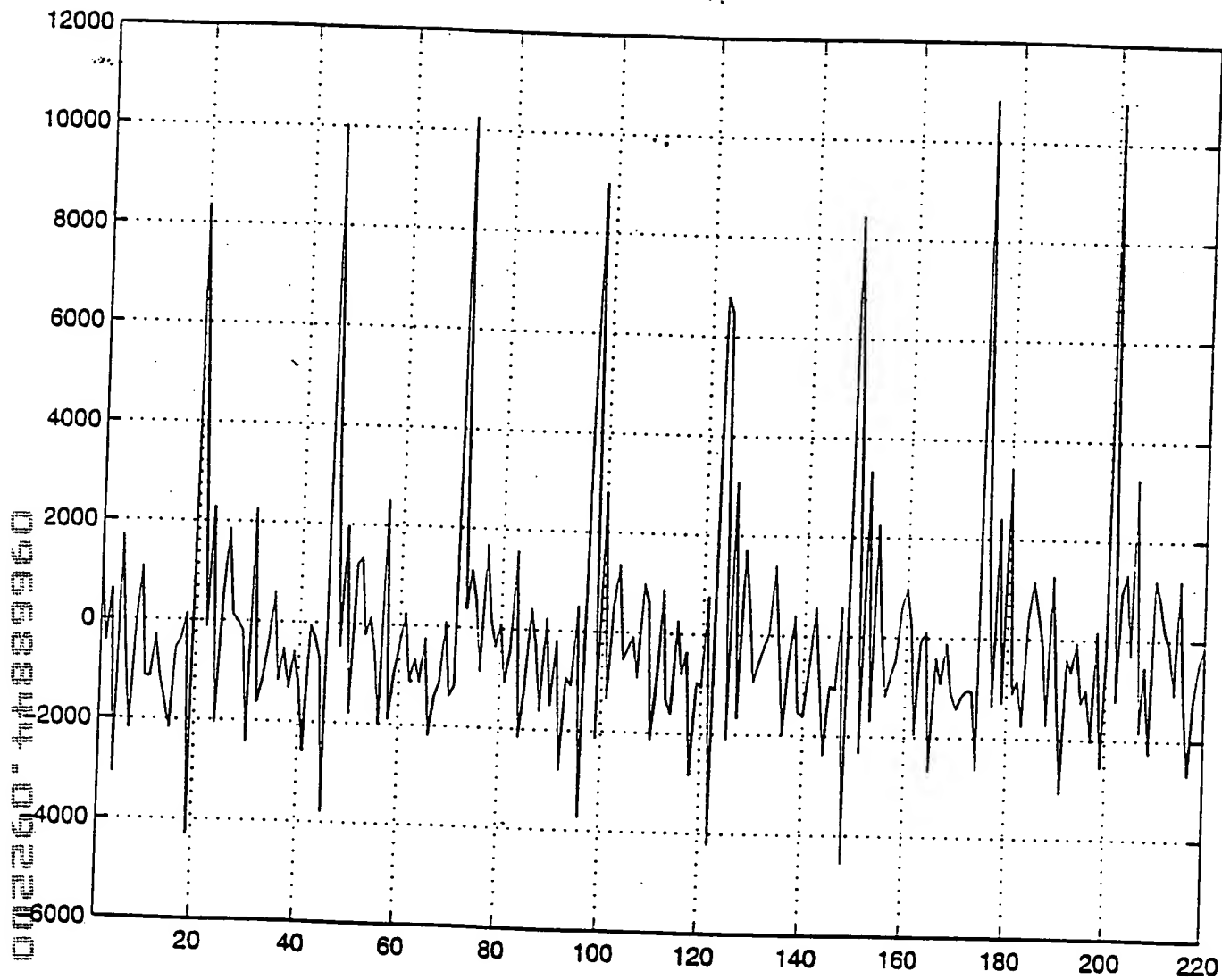


Fig. 2a

002260-1189960

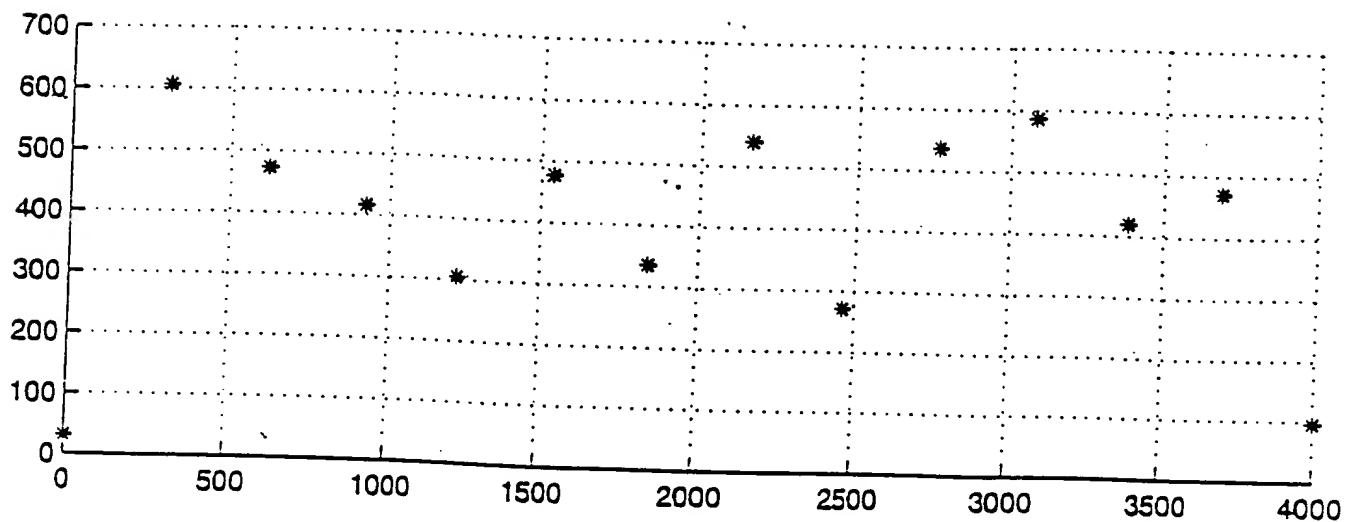


Fig. 2b

002260-44389960

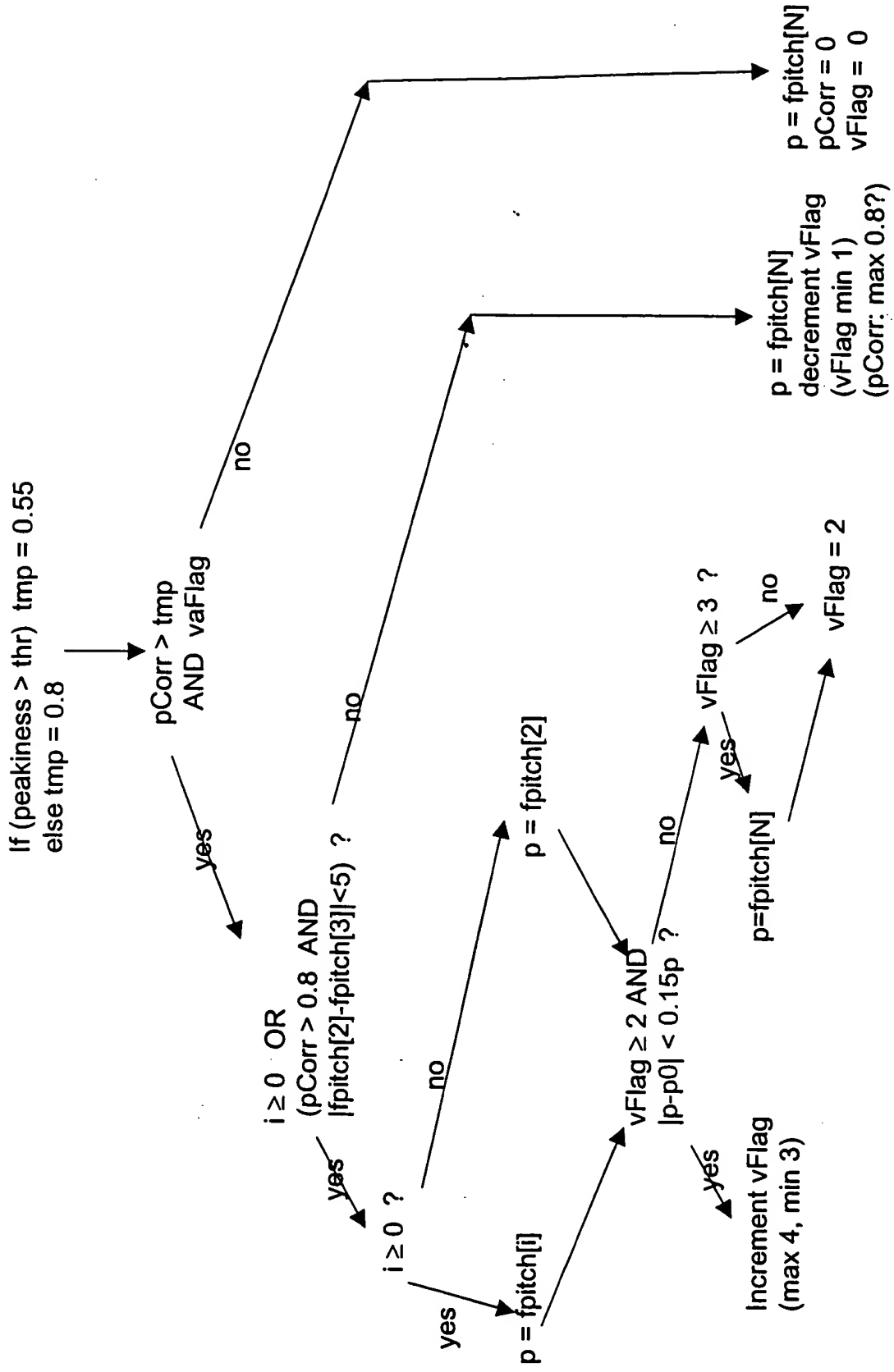


Fig. 3a

002260" 11889960

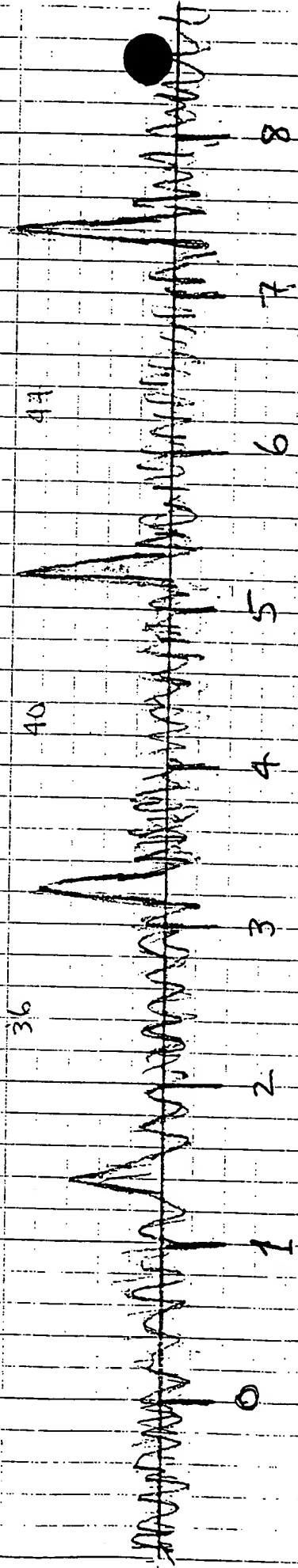
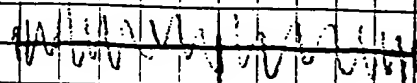
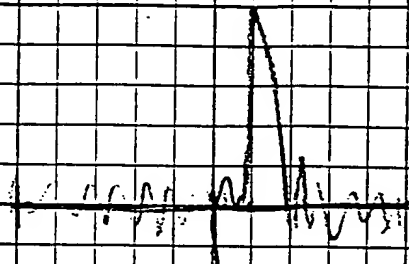


Fig. 4a

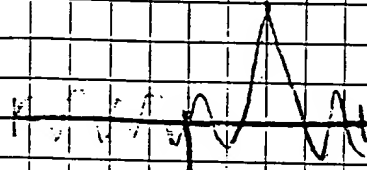
002260-44889960



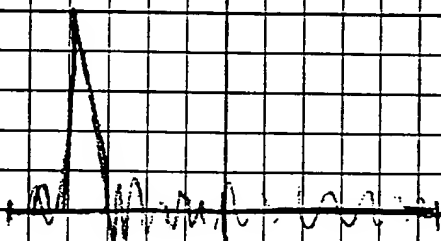
$u(0)$



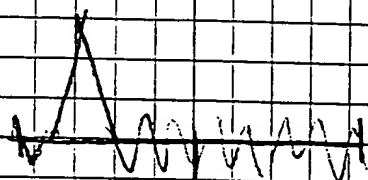
$u(5)$



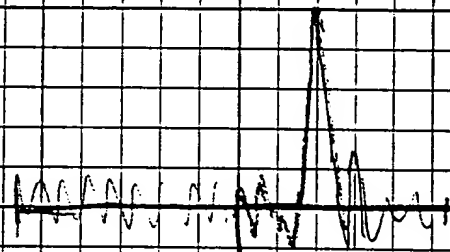
$u(1)$



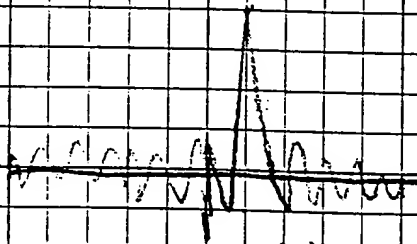
$u(6)$



$u(2)$



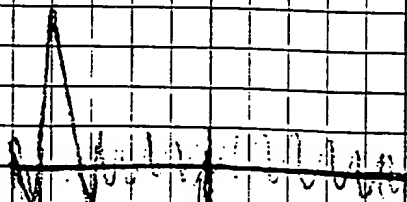
$u(7)$



$u(3)$



$u(8)$



$u(4)$

Fig. 4b

002260-11889960

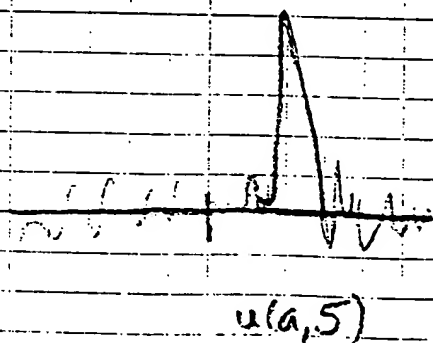
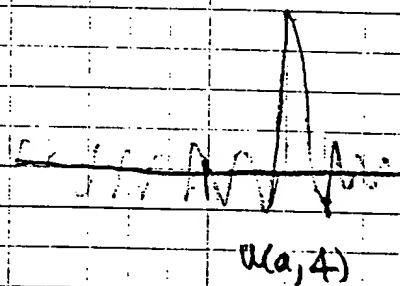
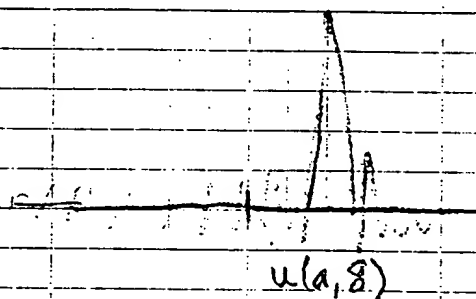
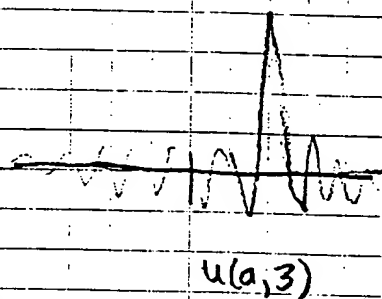
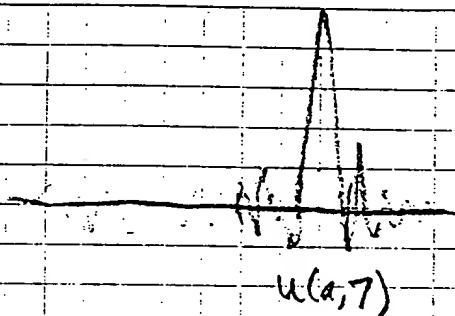
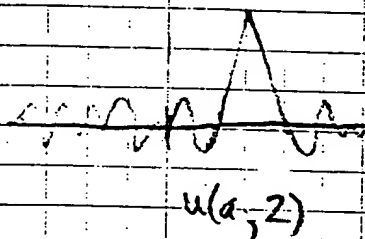
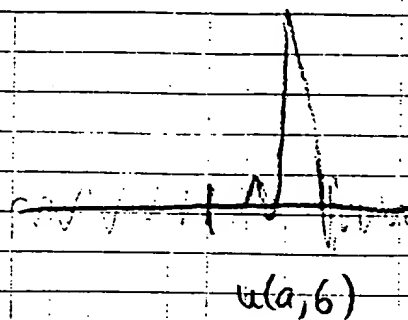
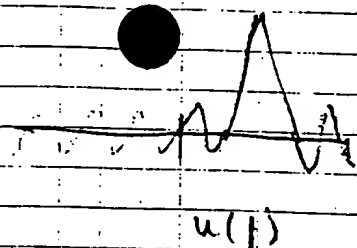


Fig 4c

002260-1489960

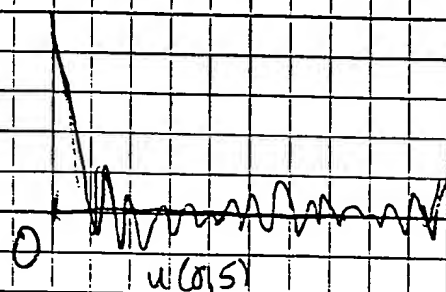
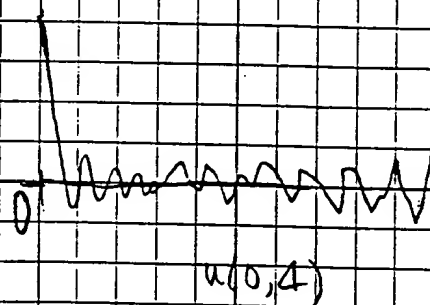
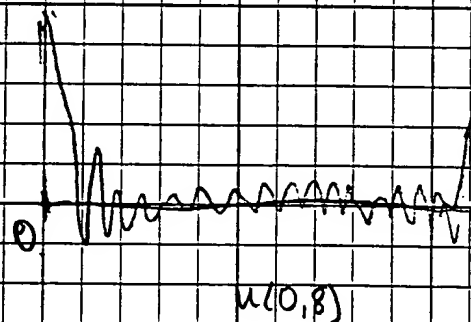
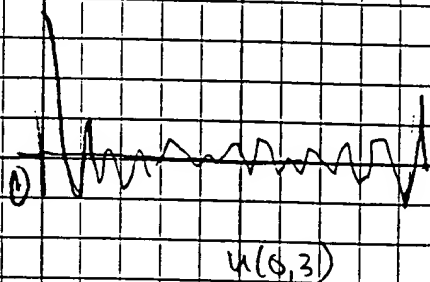
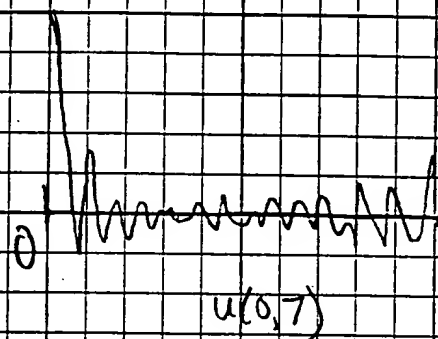
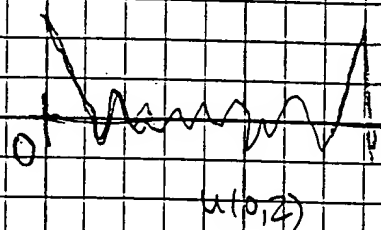
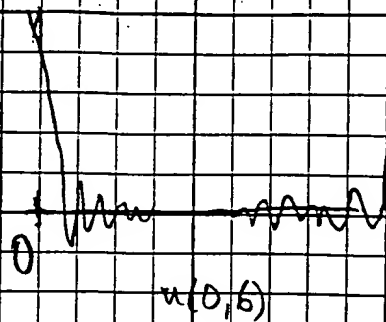
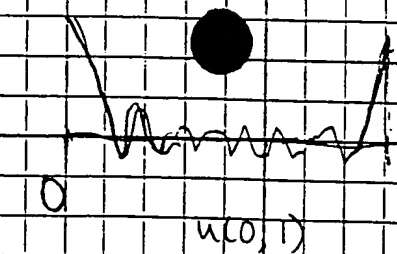


Fig. 4d

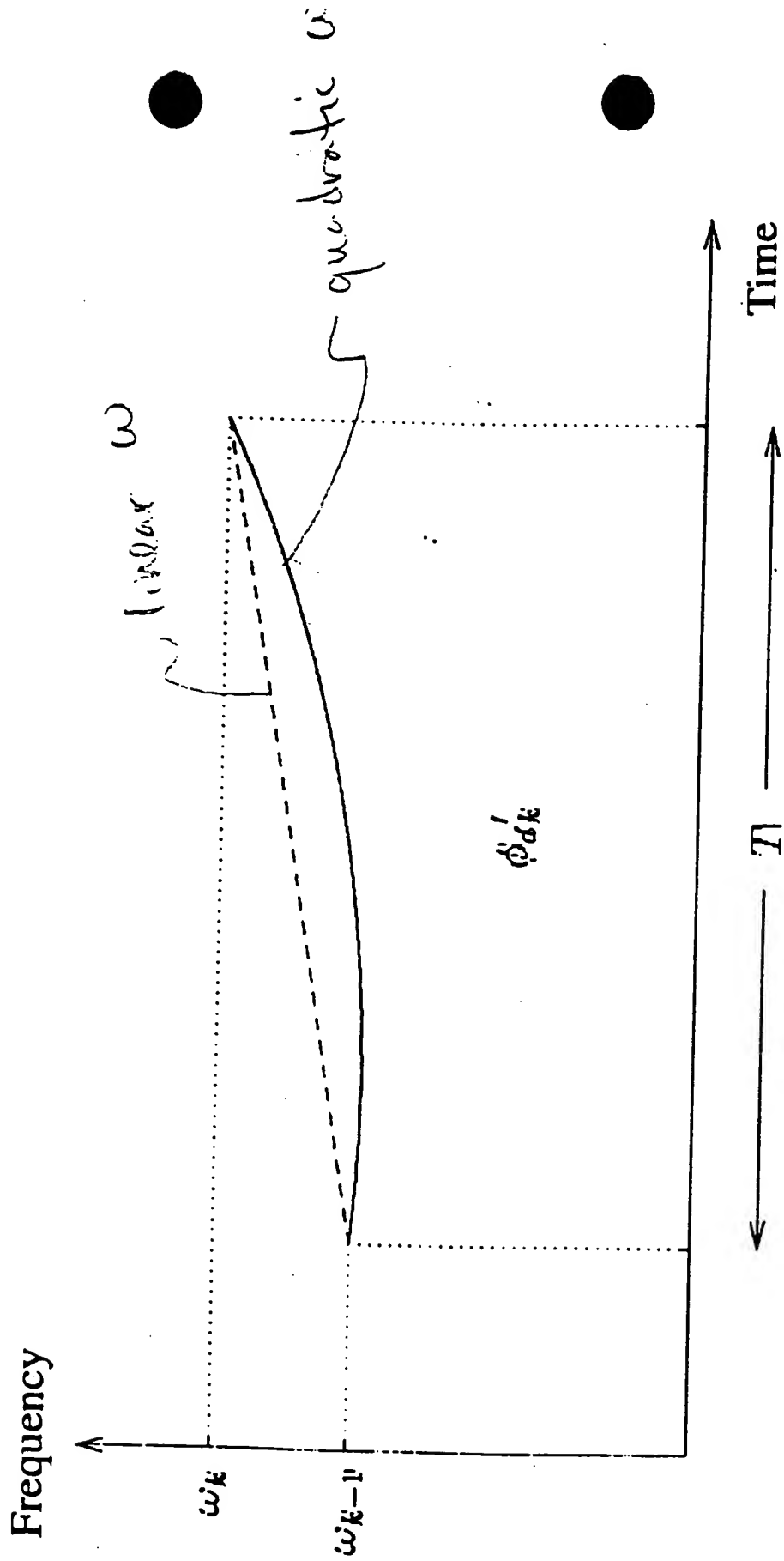


Fig. 5

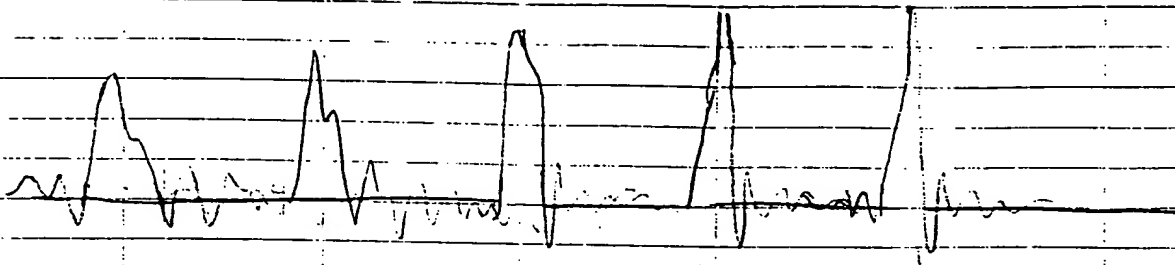


Fig. 6a

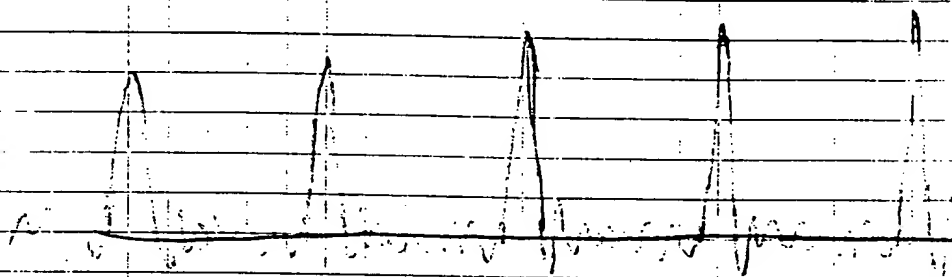


Fig. 6b

002260-14889960

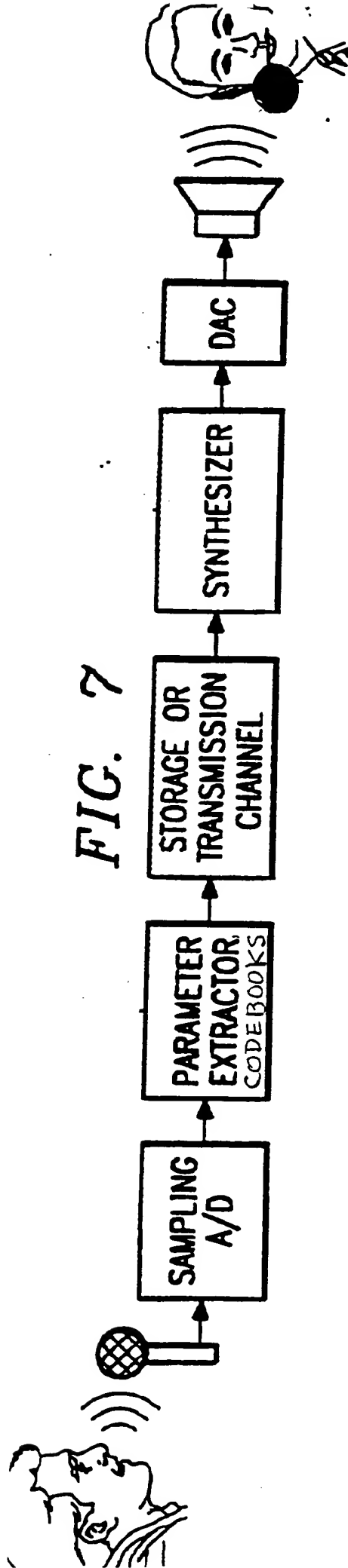


FIG. 7